**QGIS Application - Bug report #20831**

**Range widget does not honor default value on not null column**

2018-12-18 09:34 AM - Hugo Mercier

<table>
<thead>
<tr>
<th>Status</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee</td>
<td>Hugo Mercier</td>
</tr>
<tr>
<td>Category</td>
<td>Forms</td>
</tr>
<tr>
<td>Affected QGIS version:</td>
<td>3.4.2</td>
</tr>
<tr>
<td>Regression?</td>
<td>No</td>
</tr>
<tr>
<td>Operating System:</td>
<td>linux</td>
</tr>
<tr>
<td>Pull Request or Patch supplied:</td>
<td>No</td>
</tr>
<tr>
<td>Crashes QGIS or corrupts data?</td>
<td>No</td>
</tr>
<tr>
<td>Resolved as github issue:</td>
<td>#28650</td>
</tr>
</tbody>
</table>

### Description

On a layer with a numeric primary key, QGIS enforces a not null constraint.

We may expect to circumvent this constraint with a default value. With the default "Range" widget however, the default value is not taken into account and there is no way to validate the form without manually entering a non null value.

However with the "Text Edit" widget, the default value is correctly taken.

### Related issues:

- Related to QGIS Application - Bug report # 19671: The Ok button for the form ...
  - Status: Open
  - Date: 2018-08-22

### Associated revisions

**Revision eb5a3367 - 2019-01-30 10:39 AM - Hugo Mercier**

Fix "Allow null" in range widget (fixes #20831)

By default a range widget is built with a minimum value set to the minimal integer that is possible to represent. When "allow null" is enabled, a new value (minvalue - 1) is inserted. With the default value, we then had an integer overflow.

**Revision fa1f8762 - 2019-01-30 01:32 PM - Hugo Mercier**

Merge pull request #9033 from mhugo/fix_20831

Fix "Allow null" in range widget (fixes #20831)

**Revision ef1634c8 - 2019-02-01 10:07 AM - Hugo Mercier**

Fix "Allow null" in range widget (fixes #20831)

By default a range widget is built with a minimum value set to the minimal integer that is possible to represent. When "allow null" is enabled, a new value (minvalue - 1) is inserted. With the default value, we then had an integer overflow.

(cherry picked from commit eb5a3367b651e8a7d83af4af41ea0f481efc126b)
History

#1 - 2018-12-18 09:35 AM - Hugo Mercier
- Related to Bug report #19671: The Ok button for the form dialog is disabled for NOT NULL Postgres columns added

#2 - 2019-01-29 02:57 PM - Hugo Mercier
- Assignee set to Hugo Mercier

#3 - 2019-01-30 01:31 PM - Hugo Mercier
- % Done changed from 0 to 100
- Status changed from Open to Closed

Applied in changeset commit:qgis|eb5a3367b651e8a7d83af4af41ea0f481efc126b.